

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 3 (1/17/2021- 1/23/2021)

In line with the start of the new year and public health reporting standards, this Weekly Report shows Week 3. The cumulative data within this report is from March 15, 2020 – January 23, 2021.

COCONINO COUNTY
January 29, 2021



Situation Summary

MMWR Week 3 (1/17/2021-1/23/2021)

A total of 14,741 confirmed COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – January 23, 2021.

Deaths: 249 (2% of cases)

Probable Deaths: 5

Recovered Cases: 10,568

(72% of cases)

Hospitalizations: 1,068

(7% of cases)

Cases Reported Week 3 (January 17, 2021 - January 23, 2021):

671
Positive
Cases

2,698
Negative
Cases

467.7
Rate per
100,000

15.4%*
Positivity
Yield

Community Transmission

- Coconino County has a current **incidence rate of 467.7 per 100,000**, **percent positivity of 15.4%***, and **COVID-19-Like-Illness incidence (CLI) of 20.2%****.
- Coconino County is currently at a **substantial ***** level of community transmission.

Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

***Percent positivity was calculated using only ELR data due to insufficient reporting.**

****Incidence rate and percent positivity data are from week 3 (CLI data from week 2 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations.**

***** ADHS defines community spread level thresholds to be met for two-consecutive weeks before moving to a different risk-category. Week 2 met the benchmarks for Substantial level of community spread.**

Cumulative Counts (March 15, 2020- January 23, 2021):

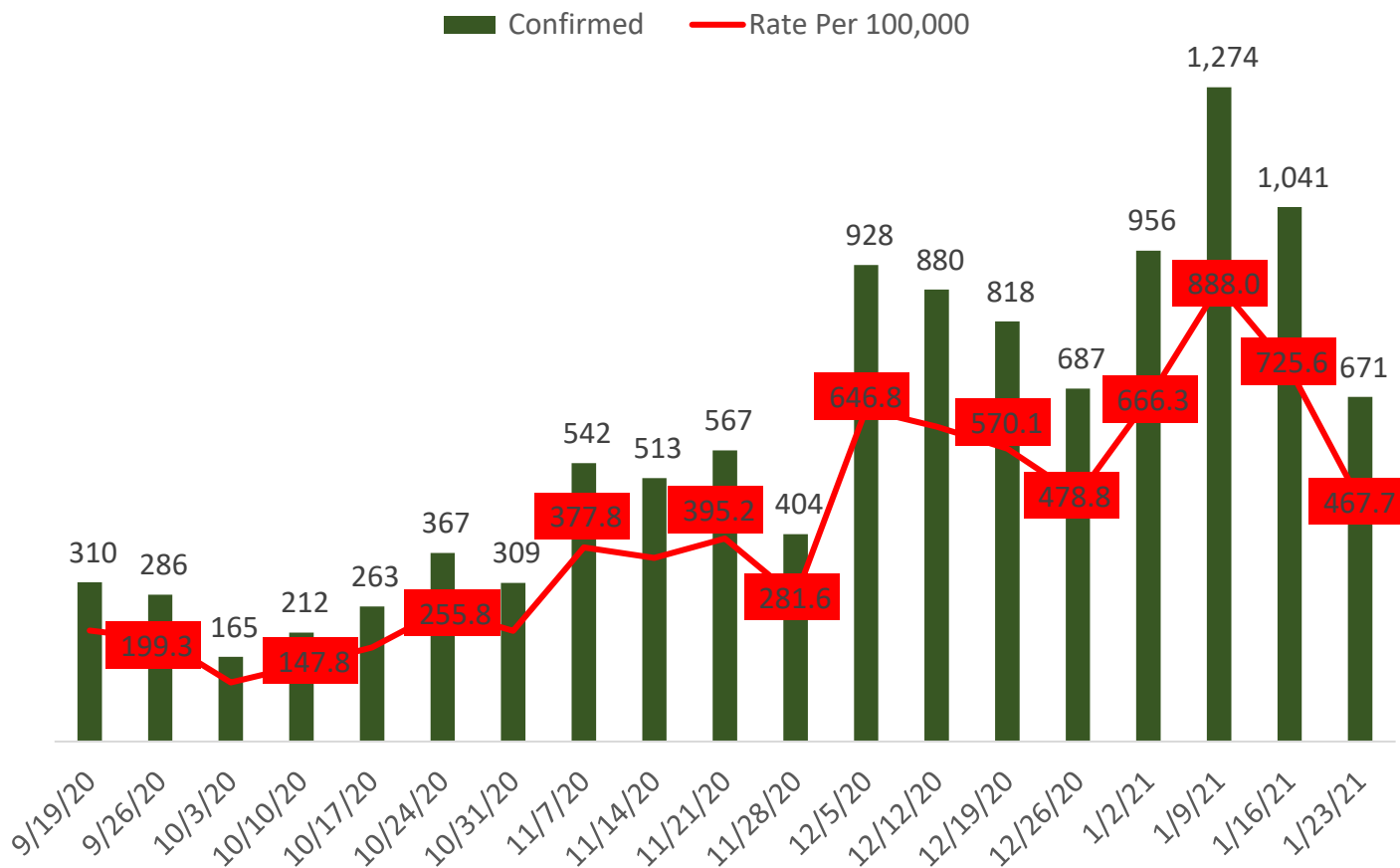
14,741
Positive
Cases

75,973
People
Tested

11.9%
Positivity
Yield

10,274.2 cases per 100,000 Coconino County Residents
vs.
10,273.5 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-1/23/21

COVID-19 Situation Summary*

Age:

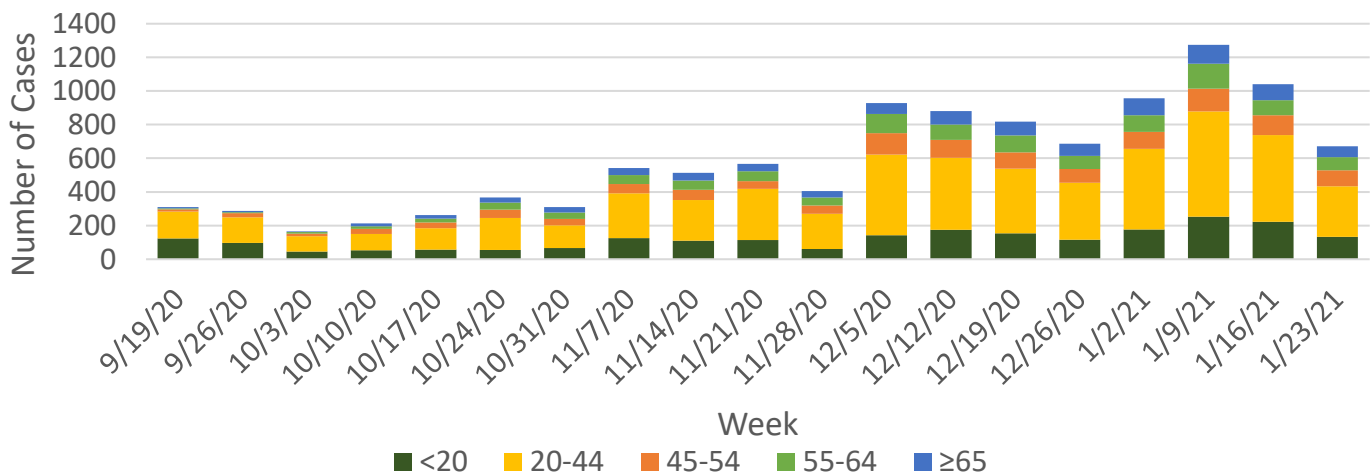
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	2,855	16,381	13.3%	40,512.9	7,060.9
20-44 years	7,338	46,218	11.6%	86,163.3	13,680.1
45-54 years	1,713	11,476	11.9%	80,561.6	12,025.3
55-64 years	1,532	11,203	10.6%	67,606.1	9,245.1
65+ years	1,303	10,953	9.6%	58,931.5	7,010.7

The median age of Coconino County COVID-19 cases is 31 years old

Key Take Away

- The highest **case incidence** for week 3 was observed among residents aged 45-54 and 20-44 with an incidence of 666.9 and 561.15 per 100,000, respectively.
- The highest **positivity yield** for week 3 was observed among residents aged 45-54 and 65+, with a positivity yield of 19% and 18%, respectively.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 46% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-1/23/21

COVID-19 Situation Summary*

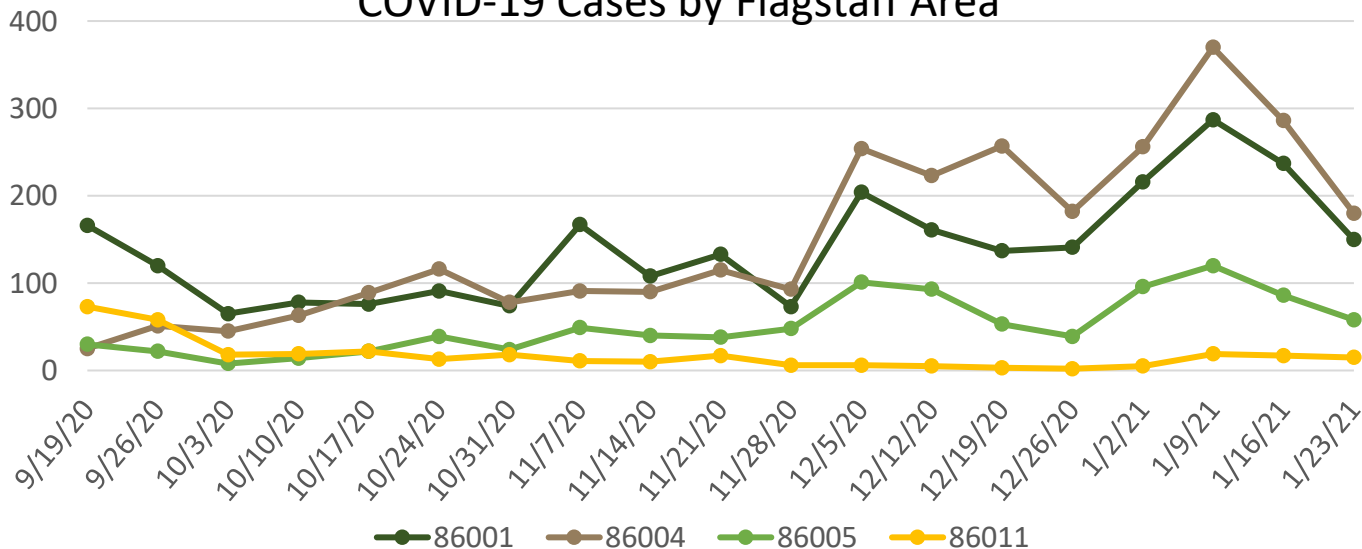
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	8,624	68,952	9.6%	74,099.7	9,267.8
Page	1,058	5,433	18.7%	71,988.9	14,018.8
Tribal Communities	3,993	14,609	16.9%	57,301.4	15,661.9
Williams	473	2,827	14.5%	53,684.0	8,982.1
Grand Canyon	147	1,077	12.1%	43,340.0	5,915.5
Other Areas	446	2,665	11.0%	27,673.9	4,631.4

Key Take Away

- The highest **decrease of cases** in the Flagstaff area from the previous week was observed in 86011 and 86004 with a 37% decrease.
- The highest **increase of cases** in Other Areas was observed in Grand Canyon with a 58%. The highest **decrease of cases** in Other Areas from the previous week was observed in Williams with a 66% decrease.
- The highest overall **testing incidence** rate was observed in Flagstaff.

COVID-19 Cases by Flagstaff Area

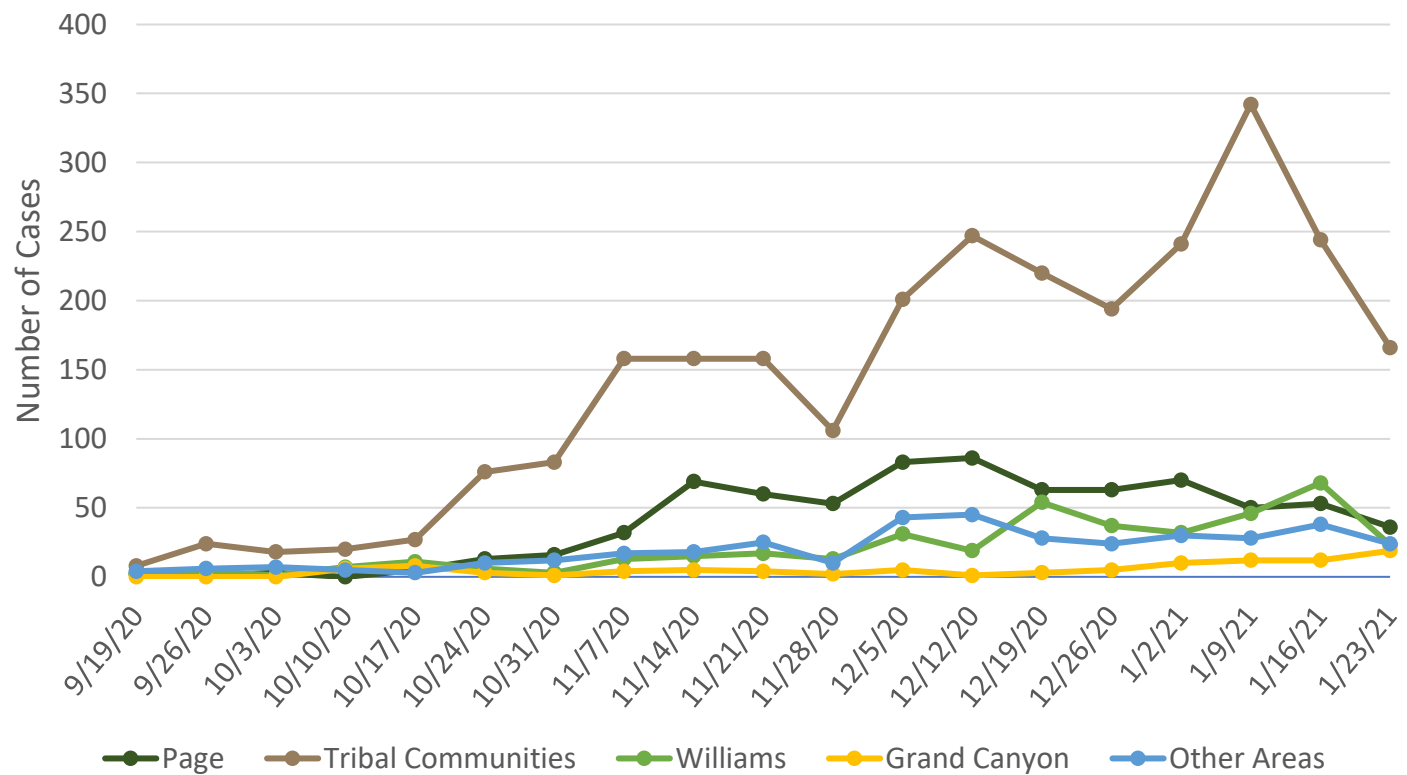


*Cases reported from 3/15/20-1/23/21

COVID-19 Situation Summary*

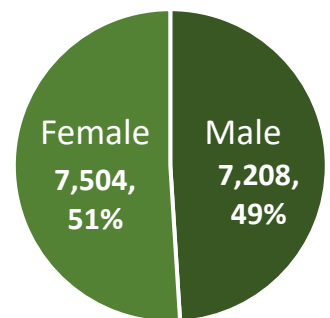
Location:

COVID-19 Cases by Other Geographic Area



Sex:

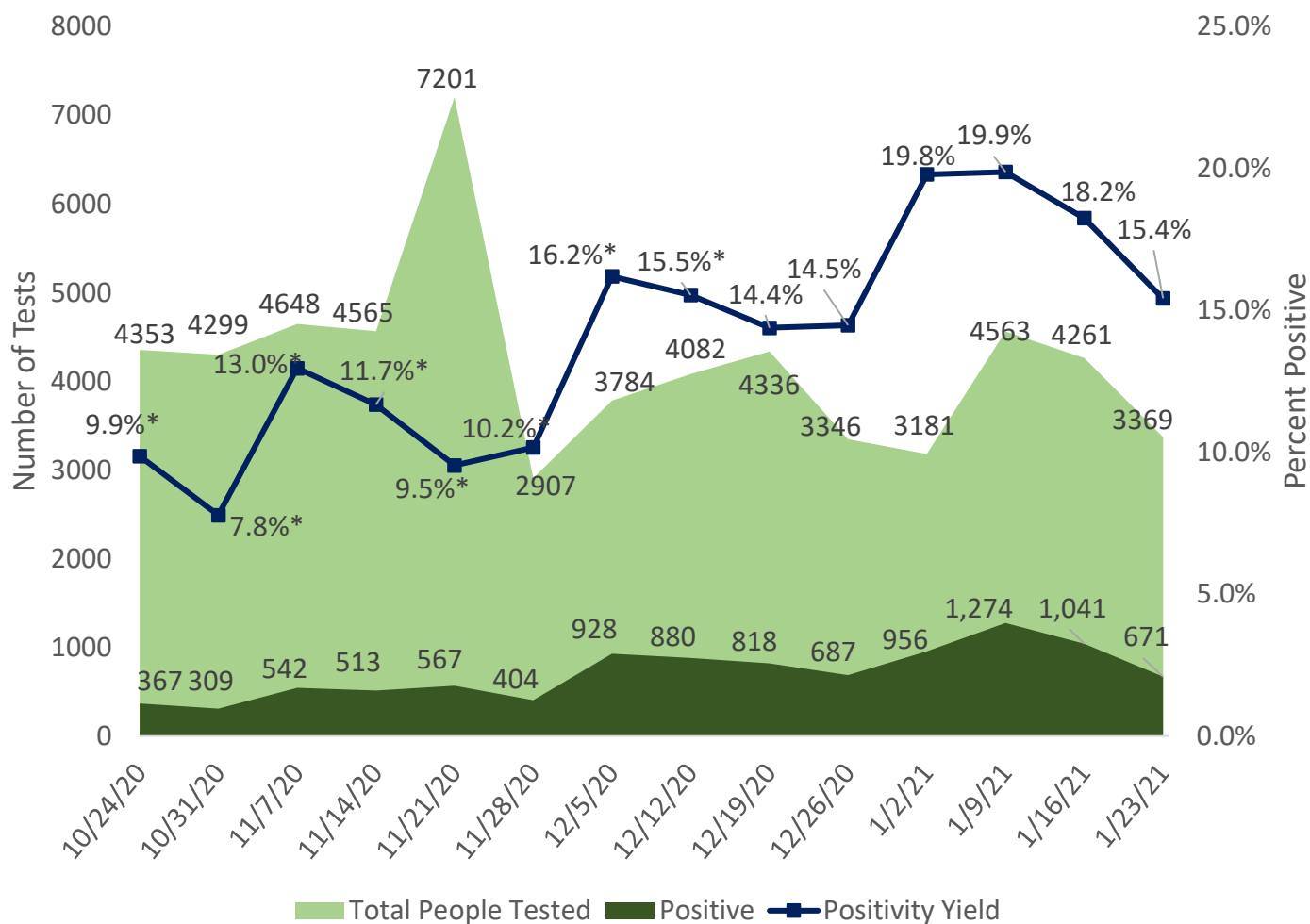
Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	7,504	51,448	10.6%	10,358.9
Male	7,208	44,357	11.5%	10,147.0



Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 16% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

COVID-19 Diagnostic Testing:

People Tested: A total of 75,973 Coconino County residents have been tested.

Tests Conducted: A total of 164,614 tests have been conducted among Coconino County residents.

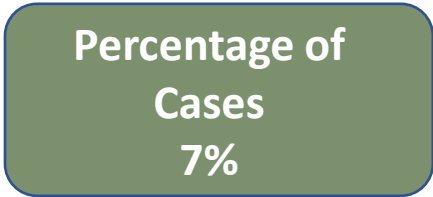
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 5,881**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

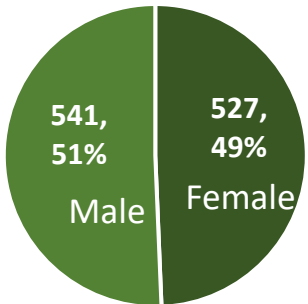
- **Currently being monitored: 93 (As of 1/23/2021)**
- **Total individuals monitored to date: 4,701**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

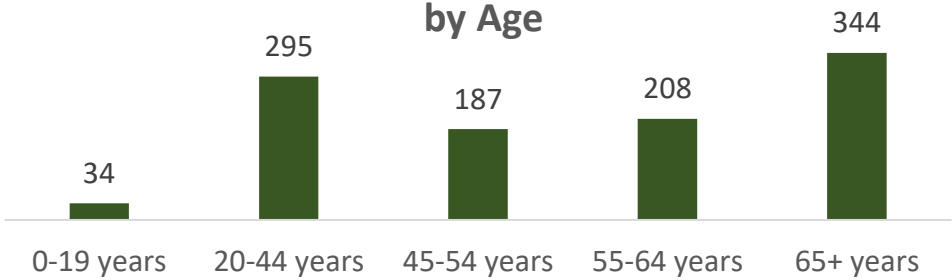


Sex

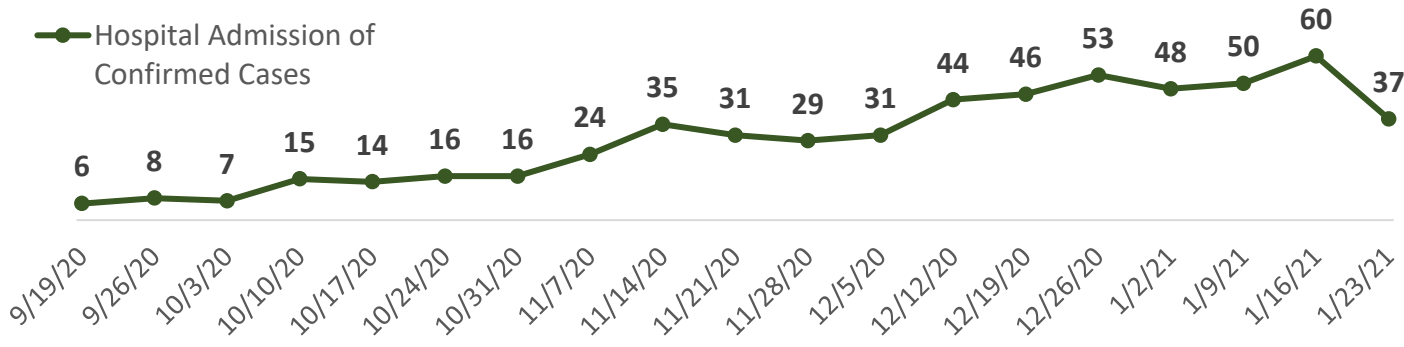


14% of hospitalized residents were in the ICU and 6% were intubated.

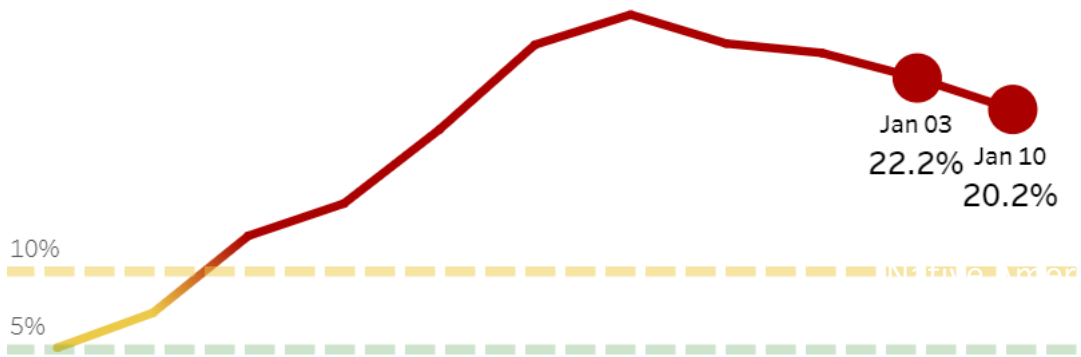
Hospitalized Coconino COVID-19 Patients by Age



Weekly Case Counts Among Coconino County Residents:



Hospital Visits for COVID-Like Illnesses Among Coconino County Residents:



COVID-19 Situation Summary*

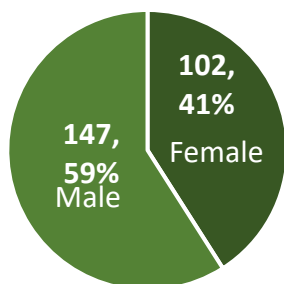
COVID-19 Related Deaths:

Percentage of
Cases
2%

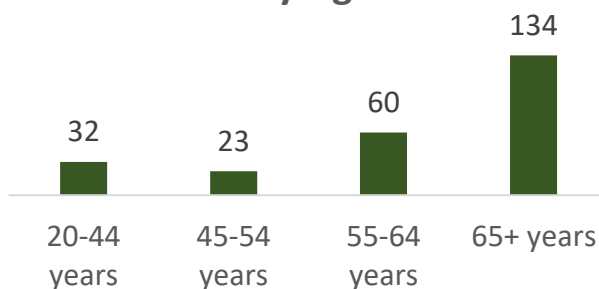
Deaths
249

Fatalities
Per 100,000
173.5

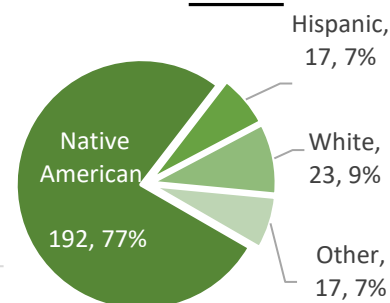
Sex



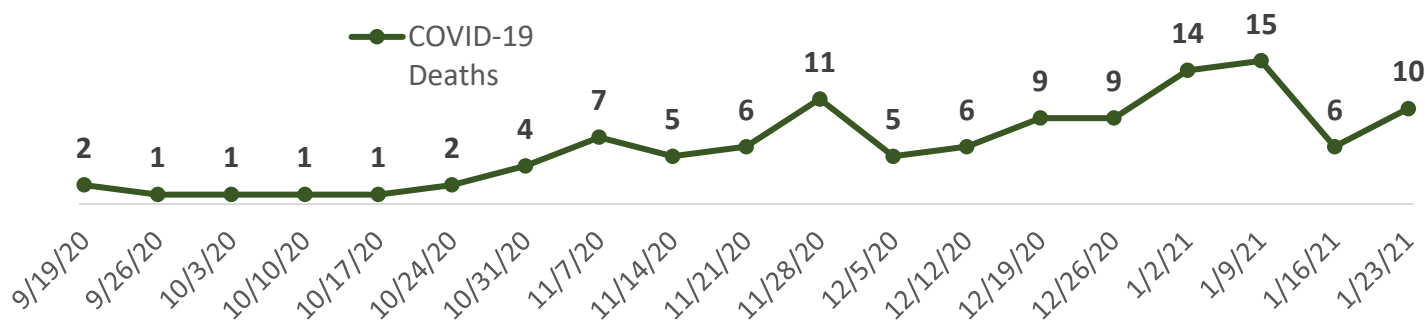
Coconino COVID-19 Deaths by Age



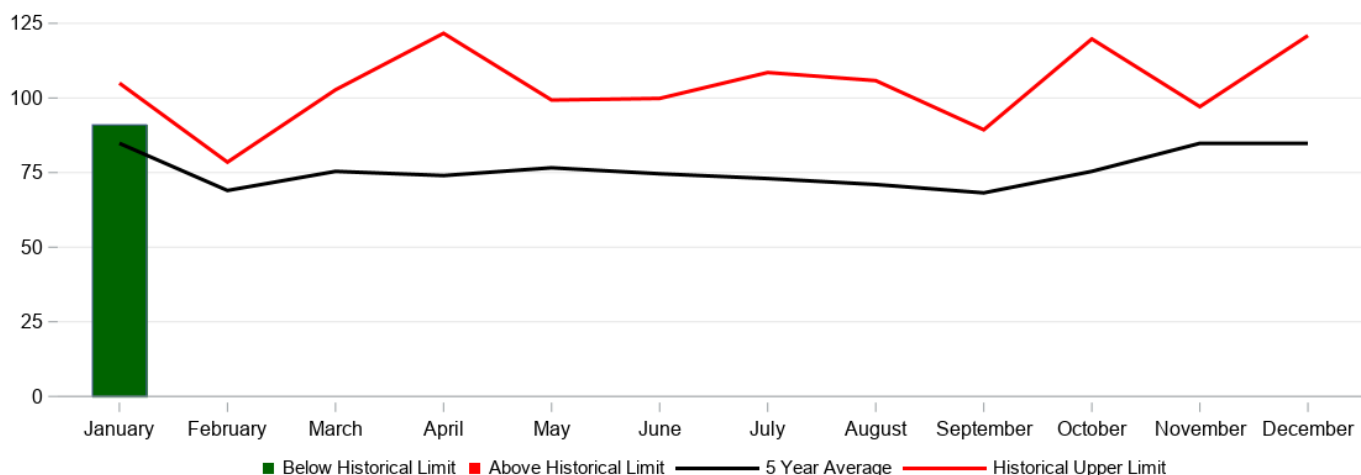
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



*Cases reported from 3/15/20-1/23/21